

Title (en)
SWASH PLATE-TYPE COMPRESSOR

Title (de)
TAUMELSCHEIBEN-VERDICHTER

Title (fr)
COMPRESSEUR DE TYPE PLATEAU OSCILLANT

Publication
EP 1693567 A1 20060823 (EN)

Application
EP 04792257 A 20041012

Priority
• JP 2004015012 W 20041012
• JP 2003384797 A 20031114

Abstract (en)
The durability over a link pin engaging area is improved in a swash plate compressor having a shaft and a rotational drive member linked via the link pin. In a swash plate compressor comprising a shaft 6 passing through a crankcase and rotatably supported at a housing, a rotational drive member 16 having an opening 22 through which the shaft 6 passes and disposed at said crankcase so as to rotate synchronously as the shaft 6 rotates and a piston held at the peripheral edge of the rotational drive member 16 and made to reciprocally slide inside a cylinder formed at the housing as the rotational drive member rotates with the piston stroke varied by adjusting the angle of inclination of the rotational drive member, the rotational drive member 16 is tiltably linked to the shaft 6 via a link pin 15 and the rotational motive power of the shaft 6 is communicated via a portion other than a head 15c of the link pin 15.

IPC 8 full level
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CPC (source: EP)
F04B 27/1054 (2013.01); **F04B 27/1072** (2013.01)

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Designated contracting state (EPC)
DE FR

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EP 1693567 A1 20060823; **EP 1693567 A4 20071024**; JP 2005146968 A 20050609; WO 2005047697 A1 20050526

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